

ROUTING AND TRANSMITTAL SLIP

Date **1 FEB 1985**

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. EO/DDA	<i>Dev</i>	<i>4 Feb</i>
2. ADDA	<i>[Signature]</i>	5 FEB 1985
3. DDA	<i>[Signature]</i>	5 FEB 1985
4. <i>ADDA</i>	<i>[Signature]</i>	
5. <i>DDA Registry (file)</i>	<i>[Signature]</i>	

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

STAT

Me too!
2 of OL has 2M for this
 5 FEB 1985

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post) *then maybe we should take it for other high priority requirements.*

Room No.—Bldg. _____

Phone No. _____

8041-102

OPTIONAL FORM 41 (Rev. 7-76)

Prescribed by GSA

FPMR (41 CFR) 101-11.206

☆ GPO 1983 O - 351-529 (301)

DD/A Registry
85-0220/2

SECRET

RESPONDING TO: Harry E. Fitzwater

RE: Your note dated 01/30/85

DD/A REGISTRY
FILE: 10-1

Harry, sorry for the delay in responding. In the rush to get Hank briefed up, I have neglected my mail. My recommendation is as we discussed in the space meeting the other day:

1) Let OL build. with OL money. [REDACTED]

2) Use SLUC excess to acquire [REDACTED] warehouse to relieve pressure [REDACTED] We can move paper and furniture for Hqs there thus opening up the aisles [REDACTED] This will still be short of what we would like and what the consultant says we need, but at this point I would be happy to get anything.

OK? Just give us the go ahead. Dan

SECRET

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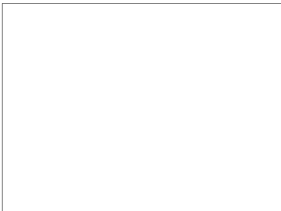
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PANEL'S OBJECTIVE

TO DETERMINE THE MOST FEASIBLE AND COST EFFECTIVE
METHOD TO PREVENT THE CONTINUING DISPLACEMENT OF PERSONNEL
IN THE HEADQUARTERS BUILDING AND IT'S NEW ADDITION BY
MACHINES.

ODP CURRENT SPACE

STAT



TOTAL

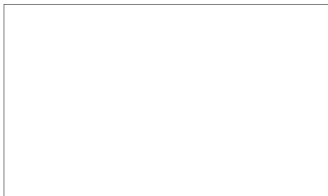
20,949 sq. ft.
15,363 sq. ft.
9,800 sq. ft.
1,350 sq. ft.
47,462 sq. ft.

SPACE PLANS, 1987

● 200,000 SQ. FT., TEMPEST-PROTECTED COMPUTER GRADE SPACE IN NEW HDQ. ADDITION

- ⁵²50,000 SQ. FT. ALLOCATED TO OC
- 150,000 SQ. FT. ALLOCATED TO ODP

● ODP'S PLANNED USE OF SPACE



60,000 SQ. FT. IN NEW HDQ. ADDITION

20,949 SQ. FT. IN PRESENT HDQ.

15,363 SQ. FT. IN PRESENT HDQ.

96,312 SQ. FT. TOTAL FOR COMPUTER CENTERS

REMAINING 90,000 SQ. FT. IN NEW HDQ. ADDITION - ODP OFFICE SPACE
AND COMPUTER GROWTH

ODP SPACE REQUIREMENTS and PROJECTIONS 1977 - 1996

DASD = Single Density

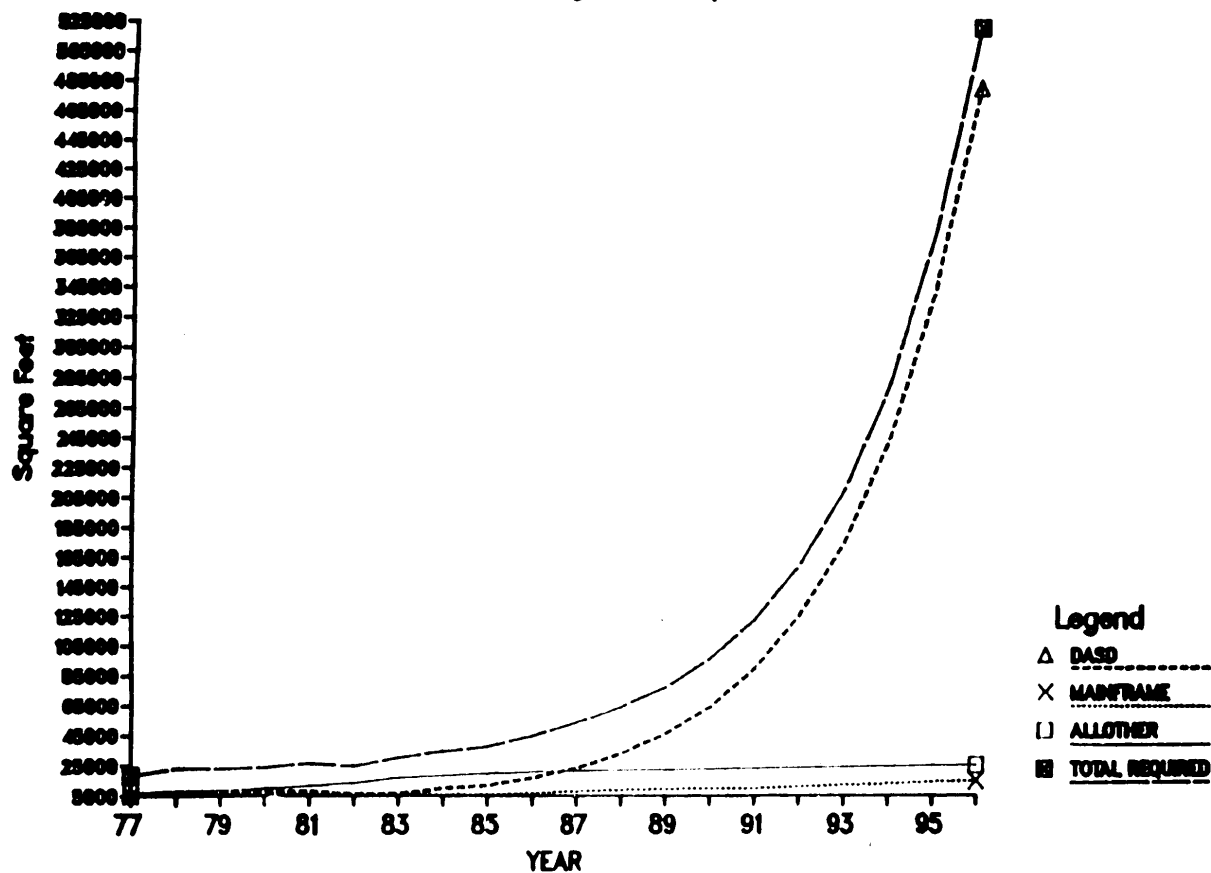


Figure 1

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OPTIONS STUDIED BY PANEL

- TECHNICAL OPTIONS
- MANAGEMENT OPTIONS
- NEW BUILDING OPTIONS

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TECHNICAL OPTIONS

- DIRECT ACCESS STORAGE DEVICES (DASD)
- REMOTE COMPUTER FILES
- NEW TECHNOLOGY COMPUTERS

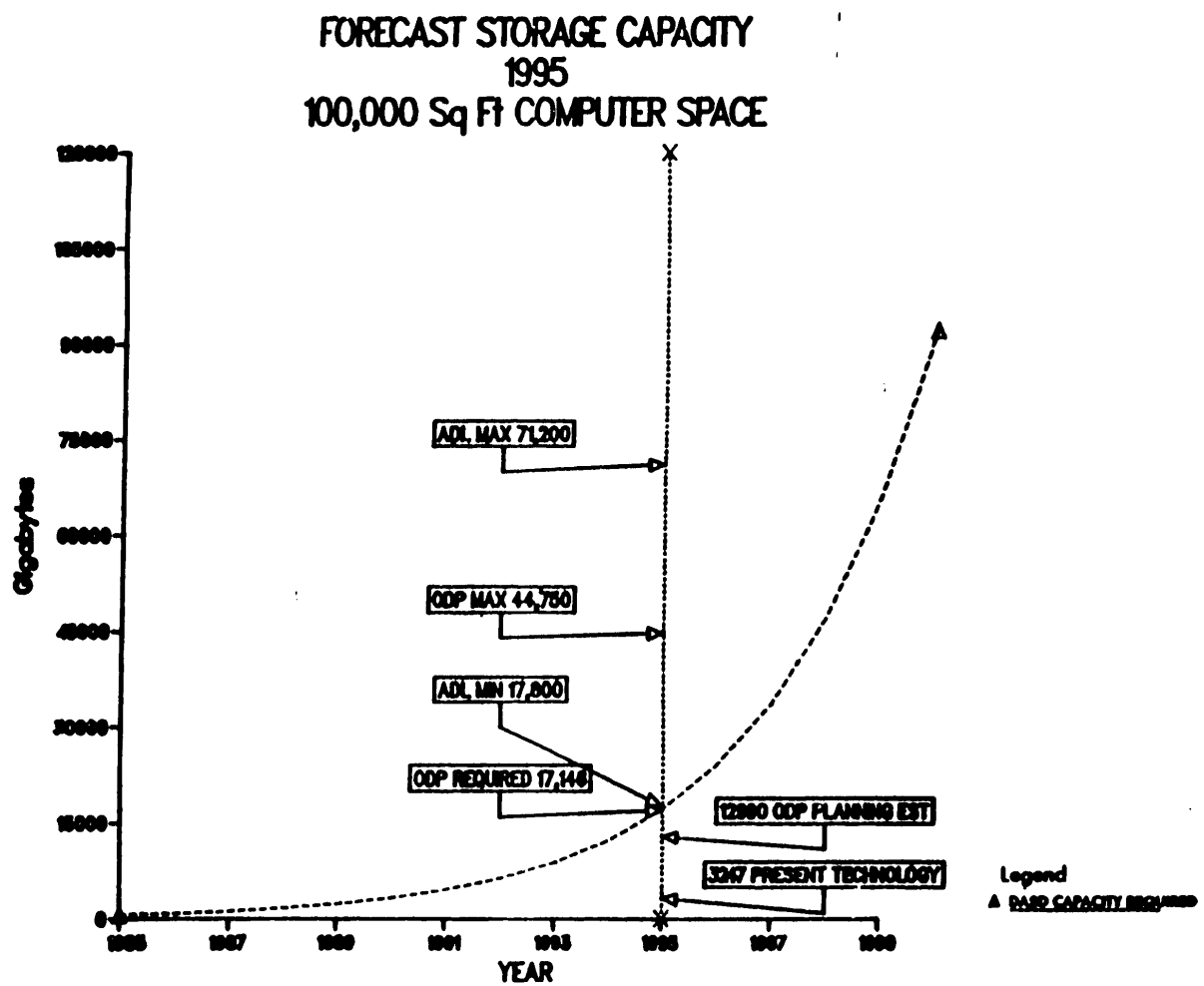


Figure 2

**ODP DASD STORAGE REQUIREMENT
1985 - 2000
with PLANNING ESTIMATES of
ODP STORAGE CAPACITY
in a Space Limited Facility**

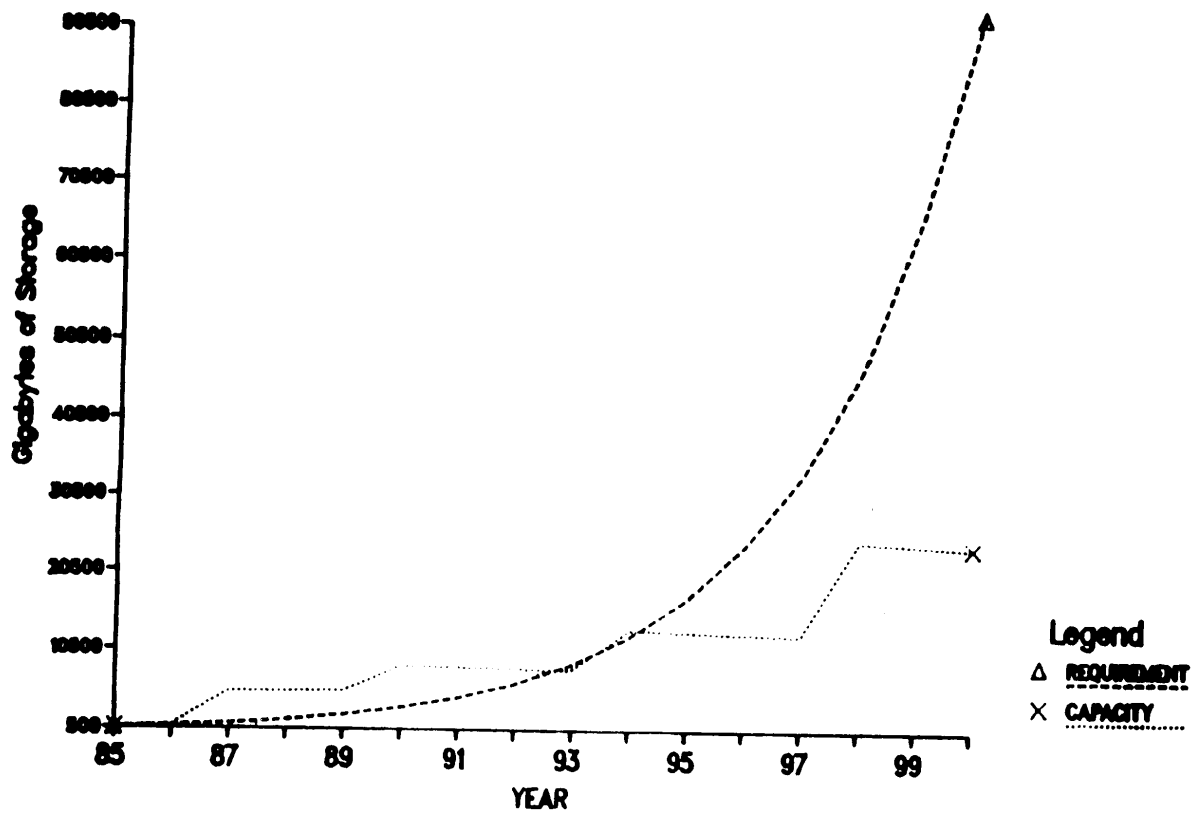


Figure 3

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REMOTE COMPUTER FILES

- . LOW USAGE FILES - REMOTELY LOCATED
- . ACCESSIBLE ON-LINE VIA SECURE REDUNDANT COMMUNICATIONS
- . ACCEPTANCE BY USERS OF SOME COMPROMISE IN ACCESS TIME

NEW TECHNOLOGY COMPUTERS

- 20 MAINFRAMES IN FY-85
- GROW TO 31 MAINFRAMES IN FY-91
 - 16 OLD TECHNOLOGY
 - 15 NEW TECHNOLOGY
- ALL MAINFRAMES WILL REQUIRE LESS THAN 12,000 SQ. FT. IN FY-91
- NEW TECHNOLOGY PROVIDES ABOUT DOUBLE PROCESSING POWER IN SAME SPACE
- SOME ADDITIONAL SPACE SAVINGS IS POSSIBLE - BUT AT A HIGH PRICE

MANAGEMENT OPTIONS

HISTORICALLY

- COMPUTER GROWTH = INCREASED PRODUCTIVITY
- COMPUTER GROWTH = DISPLACED PEOPLE

SUGGESTED MANAGEMENT APPROACH

- DON'T LIMIT COMPUTER GROWTH
- CONSIDER SPACE NEEDS AS PART OF TOTAL RESOURCE REQUIREMENTS
- USFR TO BUDGET FOR ALL RESOURCES, INCLUDING SPACE
- CONVERT BUDGETED SPACE DOLLARS TO NEEDED SPACE (OTHER THAN IN HEADQUARTERS)

NEW BUILDING OPTIONS

	<u>HEADQUARTERS/NEW ADDITION</u>	<u>REMOTE SITE*</u>
<u>OPTION 1</u>	0 SQ FT	100,000 SQ FT**
<u>OPTION 2</u>	50,000 SQ FT***	50,000 SQ FT**
<u>OPTION 3</u>	100,000 SQ FT***	50,000 SQ FT**

*COULD BE LANGLEY COMPOUND OR OFF SITE

**INITIAL SIZE - EXPANDABLE FACILITY

***CEILING

NEW BUILDING FINDINGS

- A NEW EXPANDABLE TECHNICAL EQUIPMENT BUILDING IS REQUIRED.
- IT SHOULD BE LOCATED IN NEARBY MARYLAND OR VIRGINIA
- SOME ODP SERVICES SHOULD BE PROVIDED FROM THE NEW OFF SITE BUILDING AND SOME PROVIDED FROM A CENTER IN THE HEADQUARTERS ADDITION.
- THE DIVISION OF COMPUTER EQUIPMENT BETWEEN THE TWO LOCATIONS SHOULD BE PRIMARILY BASED ON FUNCTIONS RATHER THAN TYPE OF EQUIPMENT.
- SIMILAR EQUIPMENT SHOULD BE PROVIDED AT BOTH LOCATIONS FOR MUTUAL BACKUP.
- A CEILING SHOULD BE PLACED ON THE AMOUNT OF COMPUTER SPACE PERMITTED AT THE HEADQUARTERS/NEW ADDITION.
- THE TEMPEST PROTECTED SPACE IN THE NEW HEADQUARTERS ADDITION SHOULD BE UTILIZED.

SUMMARY OF RECOMMENDATIONS

- . ALLOCATE CEILING OF 100,000 SQ FT OF COMPUTER-GRADE SPACE IN NEW BUILDING ADDITION.
- . RELEASE 47,462 SQ FT OF PRESENT HQ SPACE FOR USE AS OFFICES.
- . PURCHASE OR LEASE 50,000 SQ FT (EXPANDABLE) OFF-SITE FACILITY BY 1992.
- . DIVIDE ODP SERVICES BETWEEN THE TWO LOCATIONS.
- . CONNECT TWO LOCATIONS WITH SECURE, REDUNDANT COMMUNICATIONS.
- . PROVIDE REMOTE ONLINE STORAGE FOR SOME FILES AT OFF-SITE FACILITY.
- . SELECT HARDWARE FOR TWO LOCATIONS TO PROVIDE MUTUAL BACKUP.
- . MODIFY SYSTEM ARCHITECTURE TO PROVIDE DIVIDED OPERATION, REMOTE FILES AND MUTUAL BACKUP.
- . USER SHOULD BUDGET FOR START-UP COSTS OF MAJOR NEW ADP SYSTEMS, INCLUDING SPACE.

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